

Remarks/Arguments:

Claims 1-7 are pending in the above-identified application. New claims 6 and 7 have been added. Basis for the claim amendments and new claims 6 and 7 may be found throughout the specification and, for example, at Figs 1-4.

Claims 1-2 and 4 were rejected under 35 U.S.C. § 102 (b) as being unpatentable over JP 11-50735 to Kajiyama. Claim 1 is amended to include,

... wherein the movable member and the plurality of movable cams are **formed solidly** ...(Emphasis added).

With regard to claim 1, Kajiyama does not disclose or suggest a movable member and plurality of movable cams are **formed solidly**. Kajiyama includes a ridge 61a that Examiner asserts as Applicants' movable inner cam 26. Kajiyama also includes a ridge 91a that Examiner asserts as Applicants' movable outer cam 25. (Fig. 1). Ridge 61a is provided at cam face 61 of second barrel cam 6 that Examiner asserts as Applicants' movable member 24. Ridge 91a is provided at cam face 91 of third barrel cam 9 that Examiner also asserts as Applicants' movable member 24. As shown at Fig. 1, however, second barrel cam 6 and third barrel cam 9 are not formed solidly together. Thus, second cam 6 (movable member), third barrel cam 9 (movable member) and ridges 61a and 91a (plurality of movable cams) are not "...**formed solidly**." Because the movable member and plurality of movable cams in Kajiyama are not formed solidly together the second barrel cam 6 is forced by second spring 7 to slide in a direction along a center axis.

The exemplary embodiment of Applicants' invention includes movable member 24, outer movable cam 25 and inner movable cam 26. (Figs. 4 and 5A-5C). As shown in Fig. 4, the outer movable cam 25 and inner movable cam 26 are formed solidly together with movable member 24. Thus, "...the movable member and the plurality of movable cams are **formed solidly**." Applicants' claimed feature of "...the movable member and the plurality of movable cams are **formed solidly**..." is advantageous over the prior art because the plurality of movable cams do not slide in a direction along a center axis.

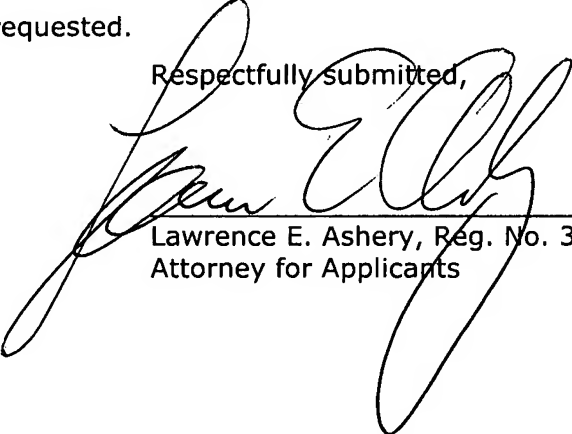
Thus, claim 1 is allowable over the art of record. Claims 2 and 4 depend from claim 1. Accordingly, claims 2 and 4 are also allowable over the art of record.

Claims 3 and 5 were rejected under 35 U.S.C. § 102 (b) as being unpatentable over Kajiyama and Nagashima. Kajiyama is described above. Nagashima includes an inner cam 8 and an outer cam 9. The inner cam 8 is shown at Fig. 11. The outer cam 9 is shown separately at Fig. 15. Thus, Nagashima also does not disclose "...the movable member and the plurality of movable cams are **formed solidly**..."

Claim 3, while not identical to claim 1, includes features similar to those set forth above with regard to claim 1. Thus, claim 3 is also allowable over the art of record for reasons similar to those set forth above with regard to claim 1. Claim 5 depends from claim 3. Accordingly, claim 5 is allowable over the art of record.

In view of the foregoing amendments and remarks, this Application is in condition for allowance which action is respectfully requested.

Respectfully submitted,



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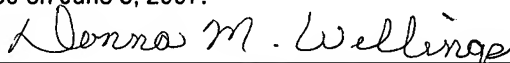
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